ABSTRACT OF THE DISCLOSURE

A method for operating a personal ad-hoc network (PAN) among a plurality of Bluetooth devices is provided. The method for operating a PAN among a plurality of Bluetooth devices includes the steps of: (a) performing an inquiry in a Bluetooth device, checking whether other Bluetooth devices are present in the communicable range of the Bluetooth device, and determining the presence of a response to the inquiry; (b) as the PAN's master, storing PAN's slave information and sending it to other slaves when a request for establishment of a connection occurs after repeating inquiry and page scans if there is no response to the inquiry in step (a); and (c) establishing a connection and then changing into a slave role if there is a response to the inquiry in step (b) from a network master, and then receiving PAN information from the network master.